

Notice of Allowability

Application No.

10/785,000

Examiner

Melody M. Burch

Applicant(s)

CHEN, CHENG WEN

Art Unit

3683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 8/2/05.
2. ☒ The allowed claim(s) is/are 4 and 5.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

cb

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Leong Lei on 9/26/05.

The application has been amended as follows:

- In lines 3-4 of claim 4 the phrase "a wheel of the bicycle being mounted with" has been deleted since the wheel is not shown;
- In line 4 of claim 4 the phrase "for the gripping of" has been changed to --being disposed to be gripped by-- for grammatical purposes;
- In line 6 of claim 4 the phrase "protruded out a locking" has been changed to --protruded out with a locking-- for grammatical purposes;
- In line 7 of claim 4 the phrase " 'C' shaped" has been changed to --C-shaped--;
- In lines 7-8 of claim 4 the phrase "a top and bottom of the locking section are formed into elongated hole which passes through from top to bottom" has been changed to --an elongated hole passes through from top to bottom of each locking section-- for grammatical purposes;

Art Unit: 3683

- In line 9 of claim 4 the phrase "the elongated" has been changed to --each elongated-- to clarify as to which elongated hole Applicant intends to refer to;
- In lines 10-11 the phrase "bottom edge of the braking main body are respectively formed into screw holes corresponding to the elongated hole of the locking section of the securing seat" has been changed to --bottom surface of the braking main body are respectively formed with screw holes to correspond to the respective elongated hole of the respective locking section of the securing seat-- to clarify as to which elongated hole and locking section Applicant intends to refer to;
- In line 3 of claim 5 the phrase "formed into locking" has been changed to --formed with locking-- for grammatical purposes;
- In line 8 of pg. 2 of the specification "these" has been changed to --this--;
- In line 10 of pg. 5 of the specification "X-axis" has been changed to --a-- since the X-axis is not labeled;
- In line 13 of pg. 5 of the specification the phrase "Y-axis" has been changed to --a-- since the Y-axis direction is not labeled;
- In line 3 of pg. 7 of the specification the phrase "protruded out a locking" has been changed to --protruded out with a locking--;
- In line 5 of pg. 7 of the specification the phrase "section 52" has been changed to --sections 52--;

- In line 7 of pg. 7 of the specification the phrase "wheel axle" has been changed to --wheel axle 70B--;
- In line 11 of pg. 7 of the specification the phrase "combination face 61" has been changed to --combination faces 61--;
- In line 18 of pg. 7 of the specification the phrase "the X-axis distance of the" has been changed to --a distance from the-- since the X-axis is not labeled;
- In line 20 of pg. 7 of the specification the phrase "the inclined angle of Y-axis with" has been changed to --an inclined angle with-- since the Y-axis is not labeled;
- In line 9 of pg. 8 of the specification the phrase "X-axis or Y-axis's rotating angle" has been changed to --with respect to the disc 70-- since the X and Y axes are not labeled.

2. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: in figure 3 the wheel axle has been labeled with reference character --70B-- to correspond to the changes in the specification as set forth in the marked-up copy of figure 3 attached with this Examiner's amendment. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

3. The following is an examiner's statement of reasons for allowance: US Patent 6945369 to Chen shows in figure 2 a securing seat having a substantially "C" shape, but fails to disclose the limitation of an elongated hole passing through from top to bottom of

Art Unit: 3683

each locking section with one locking section being at the top end of the securing seat and the other locking section being at the bottom of the securing seat and wherein a long axis of each elongated hole is extended in the same direction of a wheel axle.

Accordingly, claim 4 is allowable over the prior art of record. Claim 5 is allowable due to its dependency from claim 4.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melody M. Burch whose telephone number is 571-272-7114. The examiner can normally be reached on Monday-Friday (6:30 AM-3:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles A. Marmor can be reached on 571-272-7095. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3683

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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October 3, 2005

Melody M. Burck
10/3/05

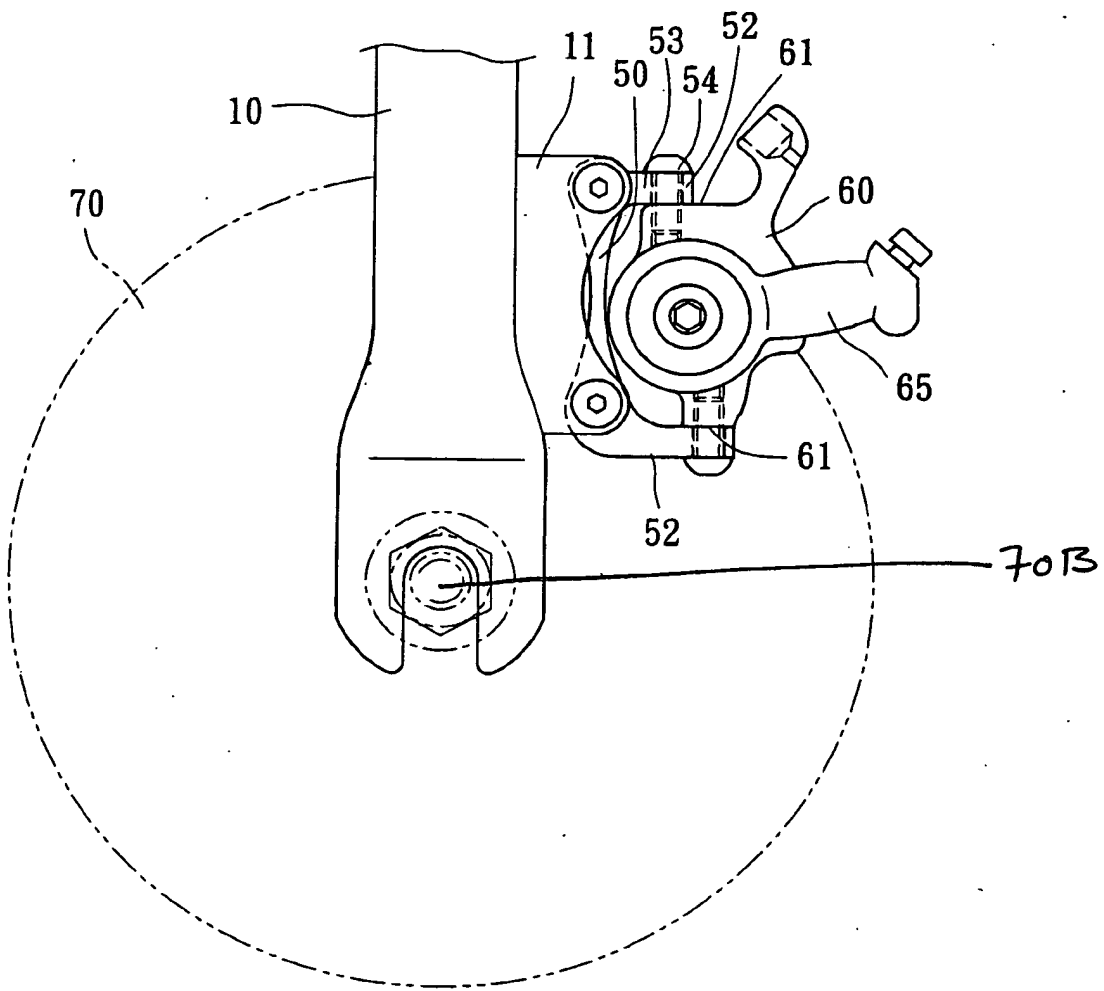


FIG. 3